

Title (en)
TRANSFER CAR FOR LOADING AND UNLOADING TRANSPORTED GOODS

Title (de)
TRANSPORTWAGEN ZUM EIN- UND AUSLAGERN VON TRANSPORTGUT

Title (fr)
CHARIOT TRANSPORTEUR POUR LE CHARGEMENT ET LE DECHARGEMENT D'ELEMENTS DE TRANSPORT

Publication
EP 1401743 A2 20040331 (DE)

Application
EP 02782427 A 20020703

Priority
• AT 0200193 W 20020703
• AT 5342001 U 20010704

Abstract (en)
[origin: WO03004385A2] The invention relates to a method for loading and unloading load carriers (16) and to a transport vehicle comprising a load receiving element (12) for receiving a transfer car (21), which comprises a platform (40) that bears a load carrier (16) as required and which is provided with travelling gear (30) that has vertical and lateral guidance organs (31) for loading and unloading the load carrier (16). Said vertical guidance organs (31) can be advanced along a guide track (23) located on the load receiving element (12) and are connected to at least one travelling drive (39) for the travelling motion that is disengaged from the load receiving element (12). The adjustable platform (40) is connected to a drive (41). An adjustment device (48) is allocated to the vertical guidance organs (31). Said device has a first resting position, in which the vertical guidance organs (31) of the transfer car (21) are supported on the vertical guidance tracks (32) and at least one additional transport position, in which the vertical guidance organs (31) are disengaged from the vertical guidance tracks (32) and the vertical guidance organs (31) can store a load carrier (16) by displacement via the travelling drive (39).

IPC 1-7
B65G 1/04; **B66F 9/07**

IPC 8 full level
B65G 1/04 (2006.01); **B65G 1/06** (2006.01); **B66F 9/07** (2006.01)

CPC (source: EP US)
B65G 1/0485 (2013.01 - EP US); **B65G 1/065** (2013.01 - EP US); **B66F 9/07** (2013.01 - EP US)

Cited by
US2021122569A1; US11702285B2; US10173839B2; EP2794431B1; EP2794432B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03004385 A2 20030116; **WO 03004385 A3 20030912**; DE 50204404 D1 20060209; EP 1401743 A2 20040331; EP 1401743 B1 20050928; ES 2249625 T3 20060401; US 2004197172 A1 20041007

DOCDB simple family (application)
AT 0200193 W 20020703; DE 50204404 T 20020703; EP 02782427 A 20020703; ES 02782427 T 20020703; US 48289804 A 20040105